

 ASSOCIATION CONNECTING ELECTRONICS INDUSTRIES®		Material Composition Declaration © Copyright 2005. IPC, Bannockburn, Illinois. All rights reserved under both international and Pan-American copyright conventions.		This document is a declaration of the substances within the manufacturer listed item(s). Note: if the item(s) is an assembly with lower level parts, the declaration encompasses all lower level materials for which the manufacturer has engineering responsibility. Adobe Reader version 7.0 or greater is required to complete this declaration.					
IPC Standard 1752.2		IPC Web Site for Information on IPC-1752 Standard http://www.ipc.org/committeedetail.asp?Committee=2-18			Form Type * Distribute		Declaration Type * Class 1 - RoHS Only		
	Item Number	Item Name	Mfg Item Number	Mfg Item Name	Mfg Item Version		Manufacturing Site		
			DEMO56F8013-E	MC56F8013 BD W/UNIV PS	ALL				
Supplier Information Locked									
Company Name *		Company Unique ID	Unique ID Authority	Response Date *		Response Document ID			
Freescale Semiconductor				2006-07-03					
Contact Name		Title - Contact	Phone - Contact	Email - Contact					
Freescale Semiconductor		Freescale Product Technical Help	1-800-521-6274	techsupport@freescale.com					
Authorized Representative *		Title - Representative	Phone - Representative *	Email - Representative *		URL for Additional Information			
Dana Hollien		Environmental Engineer	512-895-7120	techsupport@freescale.com		www.freescale.com			
	Requester Item Number	Mfg Item Number	Mfg Item Name	Effective Date	Version	Manufacturing Site	Weight	UOM	Unit Volume
		DEMO56F8013-E	MC56F8013 BD W/UNIV PS		ALL		2,268	g	Each
	Alternative Recommendation				Alternative Item Comments				

Manufacturing Information section intentionally omitted.

Save the fields in this form to a file

Export Data

Import fields from a file into this form

Import Data

Clear all of the fields on this form

Reset Form

RoHS Material Composition Declaration

Legal Definition Type

Statement1

RoHS Directive

2002/95/EC

RoHS Definition:

Quantity limit of 0.1% by mass (1000 PPM) of homogeneous material for: Lead (Pb), Mercury, Hexavalent Chromium, Polybrominated Biphenyls (PBB),Polybrominated Diphenyl Ethers (PBDE) and quantity limit of 0.01% by mass (100 PPM) of homogeneous material for Cadmium

Please indicate whether any homogeneous material (as defined by the RoHS Directive, EU 2002/95/EC and implemented by the laws of the European Union member states) of the part(s) identified on this form contains lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls and/or polybrominated diphenyl ethers (each a 'RoHS restricted substance') in excess of the applicable quantity limit identified below. If a homogeneous material within the part(s) contains a RoHS restricted substance in excess of an applicable quantity limit, please indicate below which, if any, RoHS exemption you believe may apply. If the part is an assembly with lower level components, the declaration shall encompass all such components. Supplier certifies that it gathered the information it provides in this form using appropriate methods to ensure its accuracy and that such information is true and correct to the best of its knowledge and belief, as of the date that Supplier completes this form. Supplier acknowledges that Company will rely on this certification in determining the compliance of its products with European Union member state laws that implement the RoHS Directive. Company acknowledges that Supplier may have relied on information provided by others in completing this form, and that Supplier may not have independently verified such information. However, in situations where Supplier has not independently verified information provided by others, Supplier agrees that, at a minimum, its suppliers have provided certifications regarding their contributions to the part(s), and those certifications are at least as comprehensive as the certification in this paragraph. If the Company and the Supplier enter into a written agreement with respect to the identified part(s),the terms and conditions of that agreement, including any warranty rights and/or remedies provided as part of that agreement, will be the sole and exclusive source of the Supplier's liability and the Company's remedies for issues that arise regarding information the Supplier provides in this form. In the absence of such written agreement, the warranty rights and/or remedies of Supplier's Standard Terms and Conditions of Sale applicable to such part(s) shall apply.

RoHS Declaration *

Item(s) contain RoHS restricted substances above the limits and is not under exemption

Supplier Acceptance

Accepted

Instructions:

Complete all of the required fields on all pages of this form. Select the "Accepted" on the Supplier Acceptance drop-down. This will display the signature area. Digitally sign the declaration (if required by the Requestor) and click on Submit Form to have the form returned to the Requester.

RoHS Exemptions

Exemptions: If the declared item(s) does not contain RoHS restricted substances per the definition above except for defined RoHS exemptions, then select the corresponding response in the RoHS Declaration above and checkboxes will appear below. Check all applicable exemptions.

1. Mercury in compact fluorescent lamps not exceeding 5 mg per lamp.

2a. Mercury in straight fluorescent lamps for general purposes not exceeding halophosphate 10 mg.

2b. Mercury in straight fluorescent lamps for general purposes not exceeding triphosphate with normal lifetime 5 mg.

2c. Mercury in straight fluorescent lamps for general purposes not exceeding triphosphate with long lifetime 8 mg.

3. Mercury in straight fluorescent lamps for special purposes.

4. Mercury in other lamps not specifically mentioned in this list.

5. Lead in glass of cathode ray tubes, electronic components and fluorescent tubes.

6a. Lead as an alloying element in steel containing up to 0.35% lead by weight.

6b. Lead as an alloying element in aluminum containing up to 0.4% lead by weight.

6c. Lead as an alloying element in copper containing up to 4% lead by weight.

7a. Lead in high melting temperature type solders (i.e. lead based solder alloys containing 85% by weight or more lead).
- 7b. Lead in solders for servers, storage and storage array systems, network infrastructure equipment for switching, signalling, transmission as well as network management for telecommunications.

7c. Lead in electronic ceramic parts (e.g. piezoelectronic devices).

8. Cadmium and its compounds in electrical contacts and cadmium plating except for applications banned under Directive 91/338/EEC amending Directive 76/769/EEC relating to restrictions on the marketing and use of certain dangerous substances and preparations piezoelectronic devices).

9. Hexavalent chromium as an anti-corrosion of the carbon steel cooling system in absorption refrigerators.

10. Lead used in compliant pin connector systems.

11. Lead as a coating material for a thermal conduction module c-ring.

12a. Lead in optical and filter glass.

12b. Cadmium in optical and filter glass.

13. Lead in solders consisting of more than two elements for the connection between the pins and the package of microprocessors with a lead content of more than 80% and less than 85% by weight .

14. Lead in solders to complete a viable electrical connection between semiconductor die and carrier within integrated circuit Flip Chip packages.

JIG section intentionally omitted.